Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 02 Jan 2022 until 23:59 on Monday 03 Jan 2022

Forecast Issued on Saturday 01 Jan 2022 at 15:03

Confidence: High confidence for a week of contrasts and windy weather, turning cold with a risk of wintery showers from Monday but mild again for a time on Thursday. Less confidence around timings of showers and fronts from Monday.

Headline for Sunday 02 Jan 2022: Strong southwesterly winds becoming gales later, dry morning, showery afternoon.

Mountain weather hazards on Sunday 02 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Heavy Rain	Sunny intervals	Sunny intervals	Heavy rain showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
10%	10%	60%	20%	20%	60%	60%	30%

Forecast for Sunday 02 Jan 2022

Weather: Although dry around midnight some outbreaks of heavy rain will pass through the Peak District around dawn, these will clear through around mid morning. Any lingering rain will die out by mid morning and although it will be cloudy at first some dry and bright weather can be expected. The risk of showers will increase as the day goes on and a few heavy showers expected in the afternoon, these will be blustery in the very strong southwesterly winds but should move through quite quickly.

Chance of cloud free mountain/hill tops above 600m: 50% improving to 80%, scattered low cloud associated with early rain will clear a little in the morning but patchy low cloud will form around afternoon showers.

Visibility: At the start to the day visibility in rain may be poor, moreso around western areas, it will become good during the morning with some good views available. In the afternoon visibility will dip to moderate or poor in any heavy showers passing through. Cloud will lift above the summits in the morning with patches remaining around 500m, during the afternoon showers cloud will occasionally shroud the summits for a time, falling to 400m temporarily.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 02 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 SW	21/31 SW	21/29 SW	25/34 SW	27/37 SW	26/36 SW	28/39 SW	32/44 SW	32/45 SW
300	17/26 S	14/21 S	17/27 SW	18/28 SW	20/30 SW	19/30 SW	20/31 SW	22/35 SW	23/36 SW
Valley	10/25 S	9/21 S	13/26 W	10/24 SW	13/28 SW	12/28 SW	12/28 SW	15/33 SW	16/35 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/2	6/0	5/-1	6/0	5/-0	5/-2	4/-2	4/-2
300	10/6	9/6	8/4	7/3	8/4	8/4	7/2	7/2	7/2
Valley	10/7	9/7	8/5	7/4	9/6	8/5	7/4	7/4	7/3
Freezing Level*	1600m	1500m	1400m	1300m	1400m	1300m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very blustery day and feeling cooler than the last few days over New Year. Winds will be strongest in the afternoon with gale force gusts possible on higher summits, the strongest gusts will likely accompany heavy showers. A significant wind chill will develop in gales during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 01 Jan 2022	1mm	2mm	2mm

Forecast for Monday 03 Jan 2022

Weather: A windy day with a few showers passing through, these will be quite short lived. Showers or outbreaks of rain will be more frequent for a time in the afternoon and evening. This will mark the change to colder conditions during the evening.

Maximum wind: Southwesterly 25-30mph with gusts 35-45mph becoming Northwesterly 15-20mph later.

Chance of cloud free mountain/hill tops above 600m: 80% falling to 30% in the afternoon associated with rainfall.

Visibility: Good visibility outwith showers during the day but visibility will deteriorate later in the afternoon in rain, becoming moderate or even poor at times. Low cloud will be patchy above 500m in the morning but will become broken from 400m by late afternoon.

Temperature: **Valleys:** Plus 8 Celsius falling to 3 Celsius.
At 600m: Plus 5 Celsius falling to 2 Celsius later.
Freezing level: 1200m falling to 600m.

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